

Amendments to the Claims:

This listing of the claims will replace all prior versions and listings of the claims in the application:

Listing of Claims:

1. (Currently Amended) A method for controlling the disclosure time of information by a publisher $[(10)]$ to one or more recipients $[(31)]$ comprising:

a trusted body $[(30)]$ generating an asymmetrical key pair for a specified date and time of disclosure with an encryption key $[(32)]$ and a decryption key $[(34)]$;

the trusted body $[(30)]$ providing a digital certificate $[(20)]$ signed with a private key $[(26)]$ of the trusted body $[(30)]$ providing the publisher $[(10)]$ with the encryption key $[(32)]$ prior to the specified date and time;

the publisher $[(10)]$ using the encryption key $[(32)]$ to encrypt data $[(15)]$;

the recipient $[(31)]$ obtaining the encrypted data $[(15)]$; and

the trusted body $[(30)]$ making the decryption key $[(34)]$ available to the recipient $[(31)]$ at the specified date and time.

2. (Currently Amended) A method as claimed in claim 1, wherein the publisher $[(31)]$ verifies the signature $[(25)]$ on the digital certificate $[(20)]$ with the public key of the trusted body $[(30)]$.

3. (Currently Amended) A method as claimed in claim 1 ~~or claim 2~~, wherein the encryption key $[(32)]$ is a public key and the decryption key $[(34)]$ is a private key in a public key infrastructure.

4. (Currently Amended) A method as claimed in ~~any one of claims 1 to 3~~ claim 1, wherein the trusted body $[(30)]$ creates an asymmetrical key pair for a specified date and time on demand from a publisher $[(10)]$.

5. (Currently Amended) A method as claimed in claim 1 ~~any one of the preceding claims~~, wherein the trusted body $[(30)]$ generates one key pair for a specified date and time.

6. (Currently Amended) A method as claimed in claim 1 ~~any one of claims 1 to 4~~, wherein the trusted body $[(30)]$ generates one or more key pairs for a specified date and time, generating a new key pair for each of a plurality of publishers $[(10)]$.

7. (Currently Amended) A method as claimed in claim 6, wherein each of the one or more publishers $[(10)]$ has a password $[(50)]$ issued by the trusted body $[(30)]$ for preventing disclosure of the decryption key $[(34)]$.

8. (Currently Amended) A method as claimed in claim 1 ~~any one of the preceding claims~~, wherein the decryption key $[(34)]$ is encrypted with a public key $[(55)]$ and only recipients $[(31)]$ with the corresponding private key $[(53)]$ can obtain the decryption key $[(34)]$.

9. (Currently Amended) A system for controlling the disclosure time of information comprising:

a publisher $[(10)]$;

a trusted body $[(30)]$;

an asymmetrical key pair for a specified date and time of disclosure with an encryption key $[(32)]$ and a decryption key $[(34)]$;

a digital certificate $[(20)]$ signed with a private key $[(26)]$ of the trusted body $[(30)]$ providing the publisher $[(10)]$ with the encryption key $[(32)]$ prior to the specified date and time; and

means for making the decryption key $[(34)]$ available at the specified date and time.

10. (Currently Amended) A system as claimed in claim 9, including one or more recipients $[(31)]$ with means for obtaining data $[(15)]$ encrypted with the encryption key $[(32)]$ from the publisher $[(10)]$ prior to the specified date and time and means for obtaining the decryption key $[(34)]$ at or after the specified date and time.

11. (Currently Amended) A system as claimed in claim 9 ~~or claim 10~~, wherein the certificate $[(20)]$ includes the specified date and time, the encryption key value $[(32)]$, and the name of the trusted body $[(30)]$.

12. (Currently Amended) A system as claimed in claim 9 ~~any one of claims 9 to 11~~, wherein the encryption key $[(32)]$ is a public key and the decryption key $[(34)]$ is a private key in a public key infrastructure.

13. (Currently Amended) A system as claimed in claim 9 ~~any one of claims 9 to 12~~, wherein there is a single key pair for a specified date and time.

14. (Currently Amended) A system as claimed in claim 9 ~~any one of claims 9 to 12~~, wherein there is a plurality of publishers $[(10)]$ and one or more key pairs for a specified date and time, a different key pair for each of the plurality of publishers $[(10)]$ for the specified date and time.

15. (Currently Amended) A system as claimed in claim 14, wherein each of the plurality of publishers $[(10)]$ has a password $[(50)]$ issued by the trusted body $[(30)]$ for preventing disclosure of the decryption key $[(34)]$.

16. (Currently Amended) A system as claimed in claim 9 ~~any one claims 9 to 15~~, wherein the decryption key $[(34)]$ is encrypted with a public key $[(55)]$ and only recipients $[(31)]$

with the corresponding private key $[(53)]$ can obtain the decryption key $[(34)]$.

17. (Currently Amended) A system as claimed in claim 9~~any one of claims 9 to 16~~, wherein the trusted body $[(30)]$ has one or more agents who act on behalf of the trusted body $[(30)]$.

18. (Currently Amended) A system as claimed in claim 17, wherein an agent for the trusted body $[(30)]$ is a smart card having an internal clock for providing the decryption key $[(34)]$ to a recipient $[(31)]$.

19. (Currently Amended) A system as claimed in claim 10~~any one of claims 10 to 18~~, wherein the trusted body $[(30)]$ is accessible by the publisher $[(10)]$ and the recipients $[(31)]$ via a communication network.

20. (Currently Amended) A method for controlling the disclosure time of information by a publisher $[(10)]$ to one or more recipients $[(31)]$ comprising:

a trusted body $[(30)]$ generating an asymmetrical key pair for a specified date and time of disclosure with an encryption key $[(32)]$ and a decryption key $[(34)]$;

the trusted body $[(30)]$ providing the publisher $[(10)]$ with the encryption key $[(32)]$ prior to the specified date and time;

the publisher $[(10)]$ using the encryption key $[(32)]$ to encrypt data $[(15)]$;

the recipient $[(31)]$ obtaining the encrypted data $[(15)]$; and

the trusted body $[(30)]$ making the decryption key $[(34)]$ available to the recipient $[(31)]$ at the specified date and time;

wherein the trusted body $[(30)]$ generates one or more key pairs for a specified date and time, generating a new key pair for each of a plurality of publishers $[(10)]$.

21. (Currently Amended) A method as claimed in claim 20, wherein each of a plurality of publishers [(10)] has a password [(50)] issued by the trusted body [(30)] for preventing disclosure of the decryption key [(34)] for a specified date and time for that publisher [(10)].

22. (Currently Amended) A method as claimed in claim 20 ~~or claim 21~~, wherein the decryption key [(34)] is encrypted with a public key [(55)] and only recipients [(31)] with the corresponding private key [(53)] can obtain the decryption key [(34)].

23. (Currently Amended) A computer program product directly loadable into the internal memory of a digital computer, comprising software code portions for performing the steps of ~~any one of claim 1 to claim 8-22~~ when said product is run on a computer.

24. (Currently Amended) An information distributing service for controlling the disclosure time of information by a publisher [(10)] to one or more recipients [(31)] comprising:

a trusted body [(30)] generating an asymmetrical key pair for a specified date and time of disclosure with an encryption key [(32)] and a decryption key [(34)];

the trusted body [(30)] providing a digital certificate [(20)] signed with a private key [(26)] of the trusted body [(30)] providing the publisher [(10)] with the encryption key [(32)] prior to the specified date and time;

the publisher [(10)] using the encryption key [(32)] to encrypt data [(15)]; the recipient [(31)] obtaining the encrypted data [(15)]; and

the trusted body [(30)] making the decryption key [(34)] available to the recipient [(31)] at the specified date and time.